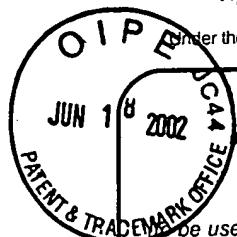


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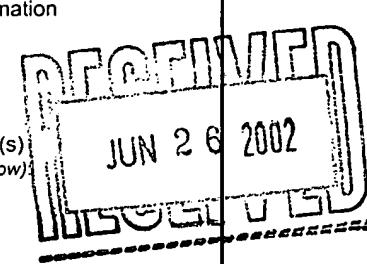
		Application Number	09/870,302
		Filing Date	May 29, 2001
		First Named Inventor	Raciborski, Nathan F. et al.
		Group Art Unit	2152
		Examiner Name	Unassigned
Total Number of Pages in This Submission	1	Attorney Docket Number	19396-000510

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ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
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<input checked="" type="checkbox"/> Supplemental Information Disclosure Statement & 1449 PTO form	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s)	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		Remarks The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		No Fee Transmittal is attached hereto as this Supplemental IDS is being filed prior to the issuance of the First Office Action.



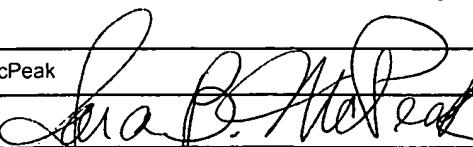
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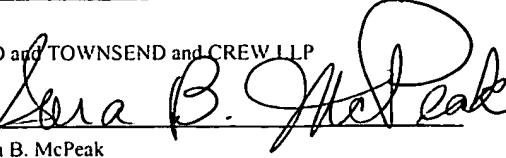
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PATENT
Attorney Docket No.: 19396-000510
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Nathan F. Raciborski et al.

Application No.: 09/870,302

Filed: May 29, 2001

For: CONTENT EXCHANGE
APPARATUS

Examiner: Unassigned

Art Unit: 2152

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER 37
CFR §1.97 and §1.98

Assistant Commissioner for Patents
U. S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

The references cited on attached form PTO-1449 are being called to the attention of the Examiner. Copies of the references are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

As provided for by 37 CFR 1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and

no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement, since it is being submitted prior to the first Office Action. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Douglas M. Hamilton
Reg. No. 47,629

TOWNSEND and TOWNSEND and CREW LLP
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FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Attorney Docket No.: 19396-000510	Application No.: 09/870,302
		Applicant: Nathan F. Raciborski et al.	
		Filing Date: May 29, 2001	Group: 2152

Reference Designation		U.S. PATENT DOCUMENTS			Page 1	
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
IC	AA 5,991,306	11-23-1999	Gregory Burns et al.	H04L	12/02	
CP AB	6,029,175	02-22-2000	Yen-whei Chow et al.	G06F	17/30	
OTPE AC						

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Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
EP0837584A1	04-22-1998	European	G06F	17/30	
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AO					
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

CP AR	Clare Bradford et al., <i>A Bandwidth Friendly Search Engine</i> , <u>Proceedings Of The International Conference on Multimedia Computing And Systems</u> , Los Alamitos, CA, June 7, 1999, Vol. 2, pgs. 720-724.
CP AS	Dykes, Sandra G. et al., <i>Taxonomy and Design Analysis for Distributed Web Caching</i> , <u>Proceedings of the 32nd Annual Hawaii International Conference on Systems Sciences</u> , Maui, HI, Jan. 5-8, 1999, pgs. 1-10.
CP AT	Fan, Li, et al., <i>Summary Cache: A Scalable Wide-Area Web Cache Sharing Protocol</i> , <u>Computer Communications Review</u> , Association For Computing Machinery, New York, October, 1998, Vol. 28, no. 4, pgs. 254-265.
CP AU	Gadde, Syam et al., <i>Reduce, Reuse, Recycle, an Approach to Building Large Internet Caches</i> , <u>The Sixth Workshop on Hot Topics in Cape Cod, MA</u> , May 5-6, 1997, pgs. 93-98.
CP AV	Gadde, Syam et al., <i>A Taste of Crispy Squid</i> , <u>Proceedings of the Workshop on Internet Service Performance</u> , June, 1998, pgs. 1-8.
CP AW	Syam Gadde et al., <i>Web Caching and Content Distribution: A view From The Interior</i> , <u>Online Proceedings of the 5th International Web Caching and Content Delivery Workshop</u> , retrieved from Internet on April 10, 2002, Abstract, Sections 1 and 2.
CP AX	Gulwani, Sumit et al. <i>WebCal - A Domain Specific Language For Web Caching</i> , <u>Online Proceedings Of The 5th International Web Caching And Content Delivery Workshop</u> , at < http://www.terena.nl/conf/wcw/Proceedings/S2/S2-4.ps >, May, 2002.
CP AY	Gwertzman, James et al., <i>An Analysis Of Geographical Push-Caching</i> , <u>Harvard University, Vino Research Group, World Wide Web Research</u> at < http://www.eecs.harvard.edu/vino/web/server.cache/icdcs.ps > March 28, 2002.

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<i>KP</i> AZ	Inohara, Shigekazu et al., <i>Self-Organizing Cooperative WWW Caching</i> , <u>Proceedings. 18th International Conference on Amsterdam, Netherlands</u> , May 26-29, 1998, pgs. 74-83.		
<i>KP</i> AAA	Kanchanasut, Kanchana, <i>The A13 CacheBone Project</i> , <u>INTERNET PROJECT WORKSHOP</u> , IWS 99 Osaka, Japan, Feb. 18-20, 1999, pgs. 203-208.		
<i>KC</i> BA	Kangasharju, Jussi et al., <i>Locating Copies of Objects Using the Domain Name System</i> , <u>Proceedings of the 4th International Caching Workshop</u> , 1999, pgs. 1-12.		
<i>KP</i>	Tewari, Renu et al., <i>Beyond Hierarchies: Design Considerations for Distributed Caching On The Internet</i> , <u>UTCS Technical Report</u> , February, 1998, pgs. 1-22.		
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<i>KP</i> BC	Touch, Joseph D., <i>Defining High-Speed Protocols: Five Challenges And An Example That Survives The Challenges</i> , <u>IEEE Journal On Selected Areas In Communications</u> , IEEE Inc., New York, June 1, 1995, Vol. 13, No. 5, pgs. 828-835.		
<i>KP</i> BD	Zhang, Xiaolan et al., <i>HACC: An Architecture For Cluster-Based Web Servers</i> , <u>Proceedings Of The 3rd Usenix Windows NT Symposium</u> , Seattle, WA, July 12-15, 1999, pgs. 155-164.		
BE			
BF			
BG			
EXAMINER	DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.